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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 09/844,716   | 04/25/2001  | Carol S. Gruchala    | 8285/430            | 1846             |
| 757  | 7590        | 07/27/2005           | EXAMINER            |                  |
| BRINKS HOFER GILSON & LIONE<br>P.O. BOX 10395<br>CHICAGO, IL 60610 |             |                      | BUI, BING Q         |                  |
|  |             |                      | ART UNIT            | PAPER NUMBER     |
|  |             |                      | 2642                |                  |

DATE MAILED: 07/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/844,716

Applicant(s)

GRUCHALA ET AL.

Examiner

Bing Q. Bui

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 May 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 27-33,35-39,41-49,51 and 53-71 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 27-33,35-39,41-49,51 and 53-71 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's Amendment filed on 5/03/2005 has been entered. Claims 27, 35, 44, 45, 51 and 65-67 have been amended. Claims 1-26, 34, 40, 50 and 52 have been cancelled. No claims have been added. Claims 27-33, 35-39, 41-49, 51 and 53-71 are still pending in this application, wherein claims 27, 44 and 45 being independent.

### ***Priority***

2. This application filed under former 37 CFR 1.60 lacks the necessary reference to the prior application. A statement reading "This is a continuation of Application No. 08/723,853, filed 30 September 1996." should be entered following the title of the invention or as the first sentence of the specification. Also, the current status of all nonprovisional parent applications referenced should be included.

### ***Claim Rejections - 35 USC § 103***

3. Claims 27-33, 35-39, 41-49, 51 and 53-67 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al (US Pat No. 6,130,935) in view of London (US Pat No. 5,590,184) cited by Applicant, herein after referred as Shaffer.

**Regarding claim 27**, Shaffer teaches the invention as claimed, a method of providing a work-at-home telecommunication service, the method comprising:

(a) receiving a dialed number from a calling party, said calling party being associated with a calling party identification number (col 1, ln 57-col 2, ln 6).

(b) automatically modifying the calling party identification number to an identification number of a group associated with the calling party (col 1, ln 57-col 2, ln 6 and col 4, ln 28-41).

Shaffer differs from claimed invention in which it does not teach the method of passing of the calling party identification number of the group associated with the calling party. However, London teaches the method of passing a modified calling party identification that modified from number to the called party, wherein the modified calling party identification is modified from the calling party's actual telephone number (see col. 1, ln 61-col. 2, ln 25). Therefore, integrating London's teachings into work-at-home system of Shaffer would have been obvious for providing the called party the true nature of the call and protecting the calling party's privacy.

**Regarding claim 28,** Shaffer teaches the invention as claimed, the method further comprising the step of receiving a service specific code from the calling party (col 3, ln 8-38).

**Regarding claim 29,** Shaffer teaches the invention as claimed, the method further comprising the step of receiving a vertical service code from the calling party (col 3, ln 8-38).

**Regarding claim 30,** Shaffer teaches the invention as claimed, the method further comprising the step of receiving an access code from the calling party (col 3, ln 8-38).

**Regarding claim 31**, Shaffer teaches the invention as claimed, the method further comprising the step of receiving a personal identification number from the calling party (col 1, ln 57-col 2, ln 6).

**Regarding claim 32**, Shaffer teaches the invention as claimed, wherein step (b) further comprises the step of sending a query to a service control point, the query comprising the calling party identification number (col 3, ln 39-61).

**Claims 33, 41-43, 53-54, 60, 62 and 65**, they are rejected for the same reasons as recited in the rejection of claim 27.

**Regarding claims 35 and 51**, Shaffer teaches the invention substantially as claimed, with the exception of providing the step of sending the modified calling party identification number to a called party associated with the dialed number in response to a failure of receiving a privacy access code from the calling party . However, it is obvious that Shaffer et al suggest that in response to a call made to a non-virtual network called party, the only ANI associated with a work-at-home agent is translated (modified) into a number of a group and this translated (modified) number is sent along with non-virtual network called party number to an IEC that routes the call to the recipient called party (col 3, ln 39-61). London teaches a number modified from caller identification number is sent to caller-id display unit associated with called party (Abstract and col 3, ln 8-42).

Therefore, it would have been obvious to one skilled in the art to use the Caller-ID service as taught by London that enables the combined system of Shaffer to send

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the identification of business group in place of the agent's identification to a recipient called party.

**Regarding claims 36 and 57**, Shaffer teaches the invention as claimed, wherein the dialed number comprises a private virtual network number (col 3, ln 24-38).

**Regarding claims 37 and 56**, Shaffer teaches the invention as claimed, the method of further comprising the step of translating the dialed number to a called party identification number (col 1, ln 57-col 2, ln 6 and col 4, ln 42-65).

**Regarding claim 38**, Shaffer teaches the invention as claimed, the method of further comprising the step of determining a telecommunication carrier for the group associated with the calling party (col 3, ln 24-61).

**Claims 39 and 58-59**, they are rejected for the same reasons as recited in the rejection of claim 38.

**Regarding claims 44-45, 55, 61, 63-64 and 66-67**, there is provided by Shaffer a system which comprises appropriate means for carrying out the method according to claim 27.

**Claims 46-49**, they are rejected for the same reasons as recited in the rejection of claim 28.

**Claims 68-71**, they are rejected for the same reasons as recited in the rejection of claim 35.

***Response to Arguments***

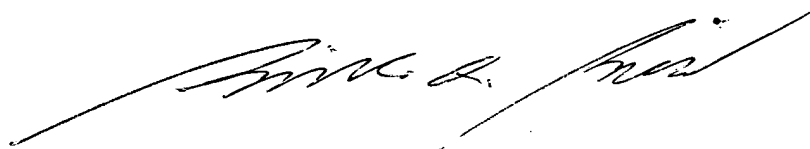
4 Applicant's arguments with respect to claims 27-33, 35-39, 41-49, 51 and 53-67 have been considered but are moot in view of the new ground(s) of rejection.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bing Bui whose telephone number is (571) 272-7482. The examiner can normally be reached on Monday through Thursday from 7:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300 and for formal communications intended for entry (please label the response ☐EXPEDITED PROCEDURE☐) or for informal or draft communications not intended for entry (please label the response "PROPOSED" or "DRAFT").

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-2600.

12 July 2005



**BING Q. BUI  
PRIMARY EXAMINER**